

91715
Delaval, Jan

From: Roark, Jessica
Sent: Wednesday, April 16, 2003 4:09 PM
To: Delaval, Jan
Subject: 09/522,752

Jan,

revised
Please update the ~~pending~~, PGPub and issued files for the following from 09/522,752:

SEQ ID NO:2.

Results on paper please.

Thanks!

Jessica H. Roark

CM1 8A03
Mailbox 9E12
Art Unit 1644
703 605-1209

Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CM1 1E07 - 703-308-4498
jan.delaval@uspto.gov

Qy 241 LKVTITVTVFVLSQFPYNCILVQITIDAYAMFISNCVSTNIDICFOVOTIAFFHSC 300
Db 241 LKVTITVTVFVLSQFPYNCILVQITIDAYAMFISNCVSTNIDICFOVOTIAFFHSC 300
Qy 301 NPVLVVFGEFRFRDLVYTKNLGICISQAQWVSFTRREGSLKSSMLLETTSGALST 357
Db 301 NPVLVVFGEFRFRDLVYTKNLGICISQAQWVSFTRREGSLKSSMLLETTSGALST 357

RESULT 2
US-09-903-377-2
Sequence 2, Application US/09903377
Patent No. US20020116727A1
GENERAL INFORMATION:
APPLICANT: Allen, Keith D.
TITLE OF INVENTION: TRANSGENIC MICE CONTAINING CHEMOKINE
FILE REFERENCE: R-365
CURRENT APPLICATION NUMBER: US/09/903,377
PRIORITY FILING DATE: 2001-07-10
PRIORITY FILING DATE: 2000-07-10
PRIORITY FILING DATE: 2000-07-10
PRIORITY FILING DATE: 2000-07-27
PRIORITY FILING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 357
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Targeting vector
US-09-903-377-2

Query Match 100.0%; Score 1854; DB 10; Length 357;
Best Local Similarity 100.0%; Pred. No. 8e-160;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MADDYGSSTSMEDYVNFNFTDFYCEKNVROPASHFLPPLVYLVTVGALGNSLVILV 60
Db 1 MADDYGSSTSMEDYVNFNFTDFYCEKNVROPASHFLPPLVYLVTVGALGNSLVILV 60
Qy 61 YWCTRVKVTMDMFLNLAIADLFLVTLPPWAIADQMKQTFMCKVNSMYKMFYS 120
Db 61 YWCTRVKVTMDMFLNLAIADLFLVTLPPWAIADQMKQTFMCKVNSMYKMFYS 120
Qy 121 CVLLIMCISVDRIYIAIAQAMRAHTREKRLYSKVCFTIWLAAALCIPILYSQIKEE 180
Db 121 CVLLIMCISVDRIYIAIAQAMRAHTREKRLYSKVCFTIWLAAALCIPILYSQIKEE 180
Qy 181 SGAICTWVPSDESTKLSAVLTKVILGFPLPVVAAACCTIIIIHTLQAKSSSKKA 240
Db 181 SGAICTWVPSDESTKLSAVLTKVILGFPLPVVAAACCTIIIIHTLQAKSSSKKA 240
Qy 241 LKVTITVTVFVLSQFPYNCILVQITIDAYAMFISNCVSTNIDICFOVOTIAFFHSC 300
Db 241 LKVTITVTVFVLSQFPYNCILVQITIDAYAMFISNCVSTNIDICFOVOTIAFFHSC 300
Qy 301 NPVLVVFGEFRFRDLVYTKNLGICISQAQWVSFTRREGSLKSSMLLETTSGALST 357
Db 301 NPVLVVFGEFRFRDLVYTKNLGICISQAQWVSFTRREGSLKSSMLLETTSGALST 357

RESULT 3
US-09-952-385-2
Sequence 2, Application US/09952385
Patent No. US20020119504A1
GENERAL INFORMATION:
APPLICANT: Andrew, David P.
APPLICANT: Zabel, Brian A.

APPLICANT: Ponath, Paul D.
TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF
IDENTIFYING AGENTS WHICH MODULATE GPR-9-6 FUNCTION
FILE REFERENCE: LKS98-16
CURRENT APPLICATION NUMBER: US/09/952,385
PRIORITY FILING DATE: 2001-09-13
PRIORITY FILING DATE: 09/266,464
PRIORITY FILING DATE: 1999-03-11
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 357
TYPE: PRT
ORGANISM: Homo sapiens
US-09-952-385-2

Query Match 100.0%; Score 1854; DB 10; Length 357;
Best Local Similarity 100.0%; Pred. No. 8e-160;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MADDYGSSTSMEDYVNFNFTDFYCEKNVROPASHFLPPLVYLVTVGALGNSLVILV 60
Db 1 MADDYGSSTSMEDYVNFNFTDFYCEKNVROPASHFLPPLVYLVTVGALGNSLVILV 60
Qy 61 YWCTRVKVTMDMFLNLAIADLFLVTLPPWAIADQMKQTFMCKVNSMYKMFYS 120
Db 61 YWCTRVKVTMDMFLNLAIADLFLVTLPPWAIADQMKQTFMCKVNSMYKMFYS 120
Qy 121 CVLLIMCISVDRIYIAIAQAMRAHTREKRLYSKVCFTIWLAAALCIPILYSQIKEE 180
Db 121 CVLLIMCISVDRIYIAIAQAMRAHTREKRLYSKVCFTIWLAAALCIPILYSQIKEE 180
Qy 181 SGAICTWVPSDESTKLSAVLTKVILGFPLPVVAAACCTIIIIHTLQAKSSSKKA 240
Db 181 SGAICTWVPSDESTKLSAVLTKVILGFPLPVVAAACCTIIIIHTLQAKSSSKKA 240
Qy 241 LKVTITVTVFVLSQFPYNCILVQITIDAYAMFISNCVSTNIDICFOVOTIAFFHSC 300
Db 241 LKVTITVTVFVLSQFPYNCILVQITIDAYAMFISNCVSTNIDICFOVOTIAFFHSC 300
Qy 301 NPVLVVFGEFRFRDLVYTKNLGICISQAQWVSFTRREGSLKSSMLLETTSGALST 357
Db 301 NPVLVVFGEFRFRDLVYTKNLGICISQAQWVSFTRREGSLKSSMLLETTSGALST 357

RESULT 4
US-10-000-759A-2
Sequence 2, Application US/10000759A
Patent No. US20020141991A1
GENERAL INFORMATION:
APPLICANT: Andrew, David P.
APPLICANT: Zabel, Brian A.
TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF
IDENTIFYING MODULATORS OF GPR-9-6 FUNCTION
FILE REFERENCE: 1855,1064-003
CURRENT APPLICATION NUMBER: US/10/000,759A
PRIORITY FILING DATE: 2001-10-23
PRIORITY FILING DATE: 2000-05-10
PRIORITY FILING DATE: 2000-05-10
PRIORITY FILING DATE: 1999-03-11
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 357
TYPE: PRT
ORGANISM: Homo sapiens
US-10-000-759A-2

Query Match 100.0%; Score 1854; DB 12; Length 357;
Best Local Similarity 100.0%; Pred. No. 8e-160;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MADDYSESTSMEDYVNFPTDFYCEKNNVROPASHFLPPLVWLVFVIGALGNSLVLY 60
 Db 1 MADDYSESTSMEDYVNFPTDFYCEKNNVROPASHFLPPLVWLVFVIGALGNSLVLY 60
 QY 61 YWYCTRYKMTDMFLMLAIDLFLVTLFPWMAAADQWKEQTFMCKVNSMYKNNFYS 120
 Db 61 YWYCTRYKMTDMFLMLAIDLFLVTLFPWMAAADQWKEQTFMCKVNSMYKNNFYS 120
 QY 121 CULLIMCISVDRYAIAQAMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQKEE 180
 Db 121 CULLIMCISVDRYAIAQAMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQKEE 180
 QY 121 CULLIMCISVDRYAIAQAMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQKEE 180
 Db 121 CULLIMCISVDRYAIAQAMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQKEE 180
 QY 181 SGAICTMYVPSDESTKLKSAVLTAKVILGFELPFWVMAACCTYIIHTLQAKSSKHKA 240
 Db 181 SGAICTMYVPSDESTKLKSAVLTAKVILGFELPFWVMAACCTYIIHTLQAKSSKHKA 240
 QY 241 LKTTITVLTVPVLSQFPYNCILVQTTIDAYAMFISNCAVSTNIDICFOVTQTIAFFHSC 300
 Db 241 LKTTITVLTVPVLSQFPYNCILVQTTIDAYAMFISNCAVSTNIDICFOVTQTIAFFHSC 300
 QY 301 NPVLVYVGERFRERDLYKTLKNGCISQAOVSTFRREGSLKSSMLETTSGALSL 357
 Db 301 NPVLVYVGERFRERDLYKTLKNGCISQAOVSTFRREGSLKSSMLETTSGALSL 357

RESULT 5

US-09-765-994-4
 ; Sequence 4, Application US/09765994
 ; Patent No. US20010016336A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ELIUS, CATHERINE
 ; TITLE OF INVENTION: THE G-PROTEIN COUPLED RECEPTOR
 ; TITLE OF INVENTION: (HE1A041)
 ; FILE REFERENCE: GH-70225-C1
 ; CURRENT APPLICATION NUMBER: US/09/765,994
 ; PRIOR FILING DATE: 2001-01-19
 ; PRIOR APPLICATION NUMBER: 60/055,895
 ; PRIOR FILING DATE: 1997-08-15
 ; PRIOR APPLICATION NUMBER: 08/962,922
 ; PRIOR FILING DATE: 1997-10-27
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 4
 ; LENGTH: 349
 ; TYPE: PRT
 ; ORGANISM: HOMO SAPIENS
 ; US-09-765-994-4

Query Match 34.4%; Score 637; DB 10; Length 349;
 Best Local Similarity 36.5%; Pred. No. 6.5e-50;

Matches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4;

QY 4 DYGESESTSMEDYVNFPTDFYCEKNNVROPASHFLPPLVWLVFVIGALGNSLVLY 63
 Db 9 DYGESESTSMEDYVNFPTDFYCEKNNVROPASHFLPPLVWLVFVIGALGNSLVLY 63
 QY 64 CTRVKTMTDMFLMLAIDLFLVTLFPWMAAADQWKEQTFMCKVNSMYKNNFYS 123
 Db 64 CTRVKTMTDMFLMLAIDLFLVTLFPWMAAADQWKEQTFMCKVNSMYKNNFYS 123
 QY 68 YKQRTITDVIYIINLAADLLFLTPFWAVNAHVGLGKIMKITSALTALFVSGMQ 127
 Db 68 YKQRTITDVIYIINLAADLLFLTPFWAVNAHVGLGKIMKITSALTALFVSGMQ 127
 QY 124 LIMCISVDRYAIAQ-----AMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQIK 178
 Db 124 LIMCISVDRYAIAQ-----AMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQIK 178
 QY 128 FLACISIDRYAVATKVSQSGVGKPCW-----IICFVMAAAILLSIPQVFTVN 178
 Db 128 FLACISIDRYAVATKVSQSGVGKPCW-----IICFVMAAAILLSIPQVFTVN 178
 QY 179 EESGAICTMYVPSDESTKLKSAVLTAKVILGFELPFWVMAACCTYIIHTLQAKSSKH 238
 Db 179 EESGAICTMYVPSDESTKLKSAVLTAKVILGFELPFWVMAACCTYIIHTLQAKSSKH 238
 QY 179 DN--ARCIPIFPYVLTGSMKALIQMLEICIGFVFPFLMGVCFITARTLMKPNIKIS 235
 Db 179 DN--ARCIPIFPYVLTGSMKALIQMLEICIGFVFPFLMGVCFITARTLMKPNIKIS 235
 QY 239 KALKVTITVLTVPVLSQFPYNCILVQTTIDAYAMFISNCAVSTNIDICFOVTQTIAFFHS 298
 Db 239 KALKVTITVLTVPVLSQFPYNCILVQTTIDAYAMFISNCAVSTNIDICFOVTQTIAFFHS 298
 QY 236 RPLKVLTLVIVFVLTOLPYNIVKFCRAIDIIYSLITSCKNSKMDIAIQVTSIALFHS 295
 Db 236 RPLKVLTLVIVFVLTOLPYNIVKFCRAIDIIYSLITSCKNSKMDIAIQVTSIALFHS 295

QY 299 CLNPVLVYVGERFRERDLYKTLKNG 324
 Db 296 CLNPVLVYVGERFRERDLYKTLKNG 321

RESULT 6

US-09-765-994-2
 ; Sequence 2, Application US/09765994
 ; Patent No. US20010016336A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ELIUS, CATHERINE
 ; TITLE OF INVENTION: THE G-PROTEIN COUPLED RECEPTOR
 ; TITLE OF INVENTION: (HE1A041)
 ; FILE REFERENCE: GH-70225-C1
 ; CURRENT APPLICATION NUMBER: US/09/765,994
 ; PRIOR FILING DATE: 2001-01-19
 ; PRIOR APPLICATION NUMBER: 60/055,895
 ; PRIOR FILING DATE: 1997-08-15
 ; PRIOR APPLICATION NUMBER: 08/962,922
 ; PRIOR FILING DATE: 1997-10-27
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 2
 ; LENGTH: 350
 ; TYPE: PRT
 ; ORGANISM: HOMO SAPIENS
 ; US-09-765-994-2

Query Match 34.4%; Score 637; DB 10; Length 350;
 Best Local Similarity 36.5%; Pred. No. 6.5e-50;

Matches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4;

QY 4 DYGESESTSMEDYVNFPTDFYCEKNNVROPASHFLPPLVWLVFVIGALGNSLVLY 63
 Db 10 DYGESESTSMEDYVNFPTDFYCEKNNVROPASHFLPPLVWLVFVIGALGNSLVLY 63
 QY 64 CTRVKTMTDMFLMLAIDLFLVTLFPWMAAADQWKEQTFMCKVNSMYKNNFYS 123
 Db 64 CTRVKTMTDMFLMLAIDLFLVTLFPWMAAADQWKEQTFMCKVNSMYKNNFYS 123
 QY 69 YKQRTITDVIYIINLAADLLFLTPFWAVNAHVGLGKIMKITSALTALFVSGMQ 128
 Db 69 YKQRTITDVIYIINLAADLLFLTPFWAVNAHVGLGKIMKITSALTALFVSGMQ 128
 QY 124 LIMCISVDRYAIAQ-----AMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQIK 178
 Db 124 LIMCISVDRYAIAQ-----AMRAHTRERKRLYSKVCFTIWLAAALCIPILYSQIK 178
 QY 129 FLACISIDRYAVATKVSQSGVGKPCW-----IICFVMAAAILLSIPQVFTVN 179
 Db 129 FLACISIDRYAVATKVSQSGVGKPCW-----IICFVMAAAILLSIPQVFTVN 179
 QY 179 EESGAICTMYVPSDESTKLKSAVLTAKVILGFELPFWVMAACCTYIIHTLQAKSSKH 238
 Db 179 EESGAICTMYVPSDESTKLKSAVLTAKVILGFELPFWVMAACCTYIIHTLQAKSSKH 238
 QY 180 DN--ARCIPIFPYVLTGSMKALIQMLEICIGFVFPFLMGVCFITARTLMKPNIKIS 236
 Db 180 DN--ARCIPIFPYVLTGSMKALIQMLEICIGFVFPFLMGVCFITARTLMKPNIKIS 236
 QY 239 KALKVTITVLTVPVLSQFPYNCILVQTTIDAYAMFISNCAVSTNIDICFOVTQTIAFFHS 298
 Db 239 KALKVTITVLTVPVLSQFPYNCILVQTTIDAYAMFISNCAVSTNIDICFOVTQTIAFFHS 298
 QY 237 RPLKVLTLVIVFVLTOLPYNIVKFCRAIDIIYSLITSCKNSKMDIAIQVTSIALFHS 296
 Db 237 RPLKVLTLVIVFVLTOLPYNIVKFCRAIDIIYSLITSCKNSKMDIAIQVTSIALFHS 296
 QY 299 CLNPVLVYVGERFRERDLYKTLKNG 324
 Db 297 CLNPVLVYVGERFRERDLYKTLKNG 322

RESULT 7

US-09-796-338A-8
 ; Sequence 8, Application US/09796338A
 ; Patent No. US20020061522A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Millennium Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: 1983, 52881, 2398, 45449, 50289, AND
 ; FILE REFERENCE: 10448-020001
 ; CURRENT APPLICATION NUMBER: US/09/796,338A
 ; PRIOR FILING DATE: 2001-02-28
 ; PRIOR APPLICATION NUMBER: US 60/186,059
 ; PRIOR FILING DATE: 2000-02-29
 ; NUMBER OF SEQ ID NOS: 26
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 8

LENGTH: 350
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-796-338A-8

Query Match 34.4%; Score 637; DB 10; Length 350;
 Best Local Similarity 36.5%; Pred. No. 6.5e-50;
 Matches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4;

QY DYSESTSSMEDYVNFNTDFYCEKNNVROFASHFLPPLVLTIVGALNSLIVLVY 63
 DB DYVEE-NEKNGTYDYSGYELICIKEDREFKVFLEPFLTIVTIGLANSVVAIAY 68
 QY CTRVKTMTDMLNLALADLLFLVTLFPMAIAADQMKFQTFMCKVNSMYKMFYCVL 123
 DB YKQRTTDDYVILNLAVADLLFLPMAVNAVHGWLGMCKITSAITLAFVSMQ 128
 QY 124 LIMCISVDRYAIAQ-----AMRAHTWEKRLYSKVCFTIWLAAALCIPILYSQIK 178
 DB FLACISIDRYAVATKVPQSGVGRPCW-----IICFCVMAAILLSIPQLVFTVN 179
 QY 179 EESGIACTMYPSDESKSAVLTILKVLIGFLPFPVMACTTIIHTLIQAKSKSKH 238
 DB 180 DN--AACIPFPYRLGSMKALIQMLEICGFVFPFLIMGCYFTIARTLKRPNIKIS 236
 QY 239 KALKVTITLVFVLSOPFNCILLVOTIDAVAMFISNCAVSTNIDICFOYTQTIAPFHS 298
 DB 237 RPLKVLTLVAVLTQLPYIVKFCRAIDITISLITSCNMSKMDIAIQVTESTALFHS 296
 QY 299 CLNPVLVYFGERFRRLVTKLNKLG 324
 DB 297 CLNPILVYFMGASFKNYMKVAKKYG 322

RESULT 8

US-09-852-156-6
 Sequence 6, Application US/09852156
 Patent No. US20020076694A1
 GENERAL INFORMATION:

APPLICANT: Littman, Dan R.
 Deng, Hongkui
 Unutmaz, Derya

TITLE OF INVENTION: NOVEL ALTERNATIVE G-COUPLED RECEPTORS
 ASSOCIATED WITH RETROVIRAL ENTRY INTO CELLS, METHODS OF
 IDENTIFYING THE SAME, AND DIAGNOSTIC AND THERAPEUTIC USES
 THEREOF

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 Floor

CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/852,156
 FILING DATE: 09-May-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 1049-1-009NCIP
 TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:
 LENGTH: 342 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: pigtail macaque
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-09-852-156-6

Query Match 33.7%; Score 624; DB 10; Length 342;
 Best Local Similarity 36.3%; Pred. No. 9.5e-49;
 Matches 123; Conservative 92; Mismatches 100; Indels 34; Gaps 7;

QY 3 DDYG--SESTSSMEDYVNFNTDFYCEKNNVROFASHFLPPLVLTIVGALNSLIVLV 60
 DB 8 EDYGLNSFNDSQEHQDF-----LQFRKVFLEPCMVLVFCVLGNSLIVLV 55
 QY 61 YWCTRVKMTDMLNLALADLLFLVTLFPMAIAADQMKFQTFMCKVNSMYKMFY 120
 DB 56 SIFVHKLQSLDVELVNLPLADLVFVCTLPFMAVAGIHEWIFQVWCKTLIGVYTI 115
 QY 121 CVLLIMCISVDRYAIAQAMRAHTWEKRLYSKVCFTIWLAAALCIPILYSQIK 180
 DB 116 SMILTCITDRIYVVKARKANQAKMTGKVICLLIWLISLVSIPQIIYGNVFN 175
 QY 181 SGAICTMYPSDESKSAVLTILKVLIGFLPFPVMACTTIIHTLIQAKSKSKH 240
 DB 176 DKL-IC-----GYHDKISTVLTATQMTLGFPLLMIVCYSLIKTLHAGFGQHR 229
 QY 241 LKVTITLVFVLSOPFNCILLVOTI--DAYAMFISNCAVSTNIDICFOYTQTIAPFHS 298
 DB 230 LKIFLVMAVFLTQTFPNLKLIRSTHMEYAV-----TSFHYTIIVTEAIVLRA 281
 QY 299 CLNPVLVYFGERFRRLVTKLNKLG 333
 DB 282 CLNPVLVAFVSLKFRKRFMLVNDIGCLPVLGVSHQHS 320

RESULT 9

US-09-852-156-4
 Sequence 4, Application US/09852156
 Patent No. US20020076694A1
 GENERAL INFORMATION:

APPLICANT: Littman, Dan R.
 Deng, Hongkui
 Unutmaz, Derya

TITLE OF INVENTION: NOVEL ALTERNATIVE G-COUPLED RECEPTORS
 ASSOCIATED WITH RETROVIRAL ENTRY INTO CELLS, METHODS OF
 IDENTIFYING THE SAME, AND DIAGNOSTIC AND THERAPEUTIC USES
 THEREOF

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 Floor

CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/852,156
 FILING DATE: 09-May-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

GenCore version 5.1.4 p5.4578
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: April 16, 2003, 16:37:47 ; Search time 28 Seconds
(without alignments)
375.142 Million cell updates/sec

Title: US-09-522-752-2

Perfect score: 1854
Sequence: 1 MADDYGESESTSMEDYVNFN.....EGSLKLSMLETTSGLSL 357

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Seq: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database:

1: Issued Patents AA: *
2: /cgn2_6/ptodata/1/iaa/5A COMB.pdp: *
3: /cgn2_6/ptodata/1/iaa/5B COMB.pdp: *
4: /cgn2_6/ptodata/1/iaa/6A COMB.pdp: *
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6: /cgn2_6/ptodata/1/iaa/backfile1.pdp: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1854	100.0	357	4	US-09-266-464-2
2	780.5	42.1	358	1	US-08-153-848-19
3	780.5	42.1	358	3	US-09-299-843A-19
4	780.5	42.1	358	4	US-09-088-337B-19
5	780.5	42.1	358	5	PCT-US93-1153-19
6	780.5	42.1	378	1	US-08-153-848-15
7	780.5	42.1	378	3	US-09-299-843A-15
8	780.5	42.1	378	4	US-09-251-545-1
9	780.5	42.1	378	4	US-09-088-337B-15
10	780.5	42.1	378	5	PCT-US93-1153-15
11	780.5	42.1	410	1	US-08-153-848-7
12	780.5	42.1	410	3	US-09-299-843A-7
13	780.5	42.1	410	4	US-09-088-337B-7
14	780.5	42.1	410	5	PCT-US93-1153-7
15	780.5	40.9	378	1	US-08-383-750-2
16	780.5	40.9	378	1	US-08-383-751A-2
17	780.5	40.9	378	3	US-08-352-678-2
18	780.5	40.9	378	4	US-09-045-583-49
19	780.5	40.9	378	4	US-09-534-185-49
20	780.5	40.9	378	5	PCT-US93-09636-2
21	757.5	40.9	378	4	US-09-299-843A-66
22	757.5	40.9	378	4	US-09-088-337B-66
23	742	40.0	359	1	US-08-153-848-24
24	742	40.0	359	3	US-09-299-843A-24
25	742	40.0	359	4	US-09-088-337B-24
26	742	40.0	359	5	PCT-US93-1153-24
27	721	38.9	361	2	US-08-902-294-2

28	721	38.9	361	3	US-09-178-637-2	Sequence 2, Appl1
29	652	35.2	350	2	US-08-966-316-18	Sequence 18, Appl1
30	638.5	34.4	374	4	US-09-045-583-48	Sequence 48, Appl1
31	638.5	34.4	374	4	US-09-534-185-48	Sequence 48, Appl1
32	637	34.4	350	2	US-08-966-316-16	Sequence 16, Appl1
33	637	33.7	342	4	US-09-116-498-6	Sequence 4, Appl1
34	619	33.4	342	4	US-09-116-498-4	Sequence 2, Appl1
35	612	33.0	342	2	US-08-742-011-2	Sequence 4, Appl1
36	612	33.0	342	4	US-09-275-384B-5	Sequence 5, Appl1
37	612	33.0	342	4	US-09-116-498-2	Sequence 2, Appl1
38	612	33.0	342	4	US-09-449-437A-2	Sequence 2, Appl1
39	612	33.0	342	4	US-09-517-605-9	Sequence 9, Appl1
40	598	32.3	352	4	US-09-045-583-52	Sequence 52, Appl1
41	598	32.3	352	4	US-09-534-185-52	Sequence 52, Appl1
42	596	32.1	352	4	US-09-087-232A-13	Sequence 13, Appl1
43	596	32.1	352	4	US-08-861-105-14	Sequence 14, Appl1
44	596	32.1	352	4	US-08-575-967A-2	Sequence 2, Appl1
45	596	32.1	352	4	US-08-833-752-5	Sequence 5, Appl1

ALIGNMENTS

RESULT 1	US-09-266-464-2	Sequence 2, Application US/09266464
GENERAL INFORMATION:		
APPLICANT:	Andrew, David P.	
APPLICANT:	Zabel, Brian A.	
APPLICANT:	Ponach, Paul D.	
TITLE OF INVENTION:	ANTI-GPR-9-6 ANTIBODIES AND METHODS OF	
TITLE OF INVENTION:	IDENTIFYING AGENTS WHICH MODULATE GPR-9-6 FUNCTION	
FILE REFERENCE:	LKS99-16	
CURRENT APPLICATION NUMBER:	US/09/266,464	
CURRENT FILING DATE:	1999-03-11	
NUMBER OF SEQ ID NOS:	7	
SOFTWARE:	FastSeq for Windows Version 3.0	
SEQ ID NO 2		
LENGTH:	357	
TYPE:	PRT	
ORGANISM:	Homo sapiens	
US-09-266-464-2		
Query Match	100.0%; Score 1854; DB 4; Length 357;	
Best Local Similarity	100.0%; Pred. No. 6.1e-162;	
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
QY	1	MADDYGESESTSMEDYVNFNFTDPCCKNNVROPASHFLPPLYLVFIYVGLGSLVILV 60
DB	1	MADDYGESESTSMEDYVNFNFTDPCCKNNVROPASHFLPPLYLVFIYVGLGSLVILV 60
QY	61	YWYCTRYKVTMDMLNLAIDLFLVTLFPWALAADQKQFQFMCKVNNMYKNFYS 120
DB	61	YWYCTRYKVTMDMLNLAIDLFLVTLFPWALAADQKQFQFMCKVNNMYKNFYS 120
QY	121	CVLLIMCISVDRIYAIQANRAHTWRERKLLYSKMCFTIYVLAALCTIBILYSQKEE 180
DB	121	CVLLIMCISVDRIYAIQANRAHTWRERKLLYSKMCFTIYVLAALCTIBILYSQKEE 180
QY	181	SGAICTMVPDSDESKSAVLTAKVILGFPLFPVVMACCYTIHTLLOAKKSSGHKA 240
DB	181	SGAICTMVPDSDESKSAVLTAKVILGFPLFPVVMACCYTIHTLLOAKKSSGHKA 240
QY	241	LKVTITLVYVFSIQFYNCILVQITIDAVAMFISNCAVSTNIDICQVQTQTAFHSC 300
DB	241	LKVTITLVYVFSIQFYNCILVQITIDAVAMFISNCAVSTNIDICQVQTQTAFHSC 300
QY	301	NPVLYVGERFRDLVKTILNLCISQAOVSTFRREGSLKLSMLETTSGLSL 357
DB	301	NPVLYVGERFRDLVKTILNLCISQAOVSTFRREGSLKLSMLETTSGLSL 357
RESULT 2		

```

US-08-153-848-19
Sequence 19, Application US/08153848
Patent No. 5759804
GENERAL INFORMATION:
APPLICANT: Godtska, Ronald
APPLICANT: Gray, Patrick W.
APPLICANT: Schweikart, Vicki L.
TITLE OF INVENTION: No. 5759804e1 Seven Transmembrane Receptors
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESS: Marshall, O'Toole, Gerstein, Murray &
ADDRESS: Bicknell
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/153,848
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,452
FILING DATE: 17-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5759804and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31794
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 358 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-153-848-19
Query Match 42.1%; Score 780.5; DB 1; Length 358;
Best Local Similarity 42.9%; Pred. No. 8,6e-64;
Matches 153; Conservative 77; Mismatches 104; Indels 23; Gaps
6
1 MADDYGESESTSMEDYVNNFTDPFYCEKNNVQFASHFLPPLYLWLVFIAGALGNSLIVL 60
2 VDTLPESLCSKSDVNFNFKWFLPIWYSIIICFGLLNGLVLT 62
3 YWYCTRVKTMETMFLNLALADLFLVTLPPFAIAAADQWKQTFMCKVNSMYKNFYS 120
4 YIYFRKLKMTDTYLLNLAVADILFLLTLPFAVSAKSMVGVHPCKLIPAIYKMSFPS 122
5 CYLLIMCISVDYVIAAQMRAHWKEXLLYSKWVCFIITWLAALACTPEILYSQIKXE 180
6 GMLLLCISIDRYVALQVASHRRHARVLLSKLSCVGIWILATVLSIPELYSDLQRS 182
7 SG-IAICTMVPSDESTKLKSAVLTAKY---ILGFELPFVVMACCYTIIHLLIDAKRS 235
8 SEQAMRGSLI-----TEHVEAFITIGVAAWVIGFLVLLAMSFCYLVIIKTLQARNP 236
9 SKHKLKATYIVLVFVLSQPPNYCILLVQTTIDAYAMFISNCAVSTNIDI CPQVOTIAP 295
10 ENKRAIKYIAVAVVVEIYQLPNGVLLAQVIANFMTSSTCELSKQINADVTSIAC 296
11 FHSICNPVLVYVGVGERFRDLVKTLLKGLCISG--AQVVSFTRRGSLKLSMLE 349
12 VCCNPFYAFIYGVKFRDDLKFLFKDLGCLSGOBLRQWSSCRH---ITRSSMVE 349

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RESULT 3
US-09-299-843A-19
; Sequence 19 Application US/09299843A
; Patent No. 6107475
; GENERAL INFORMATION:
; APPLICANT: Godiska, Ronald
; APPLICANT: Gray, Patrick W.
; APPLICANT: Schweikart, Vicki L.
; TITLE OF INVENTION: No. 6107475e1 Seven Transmembrane Receptors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESS: Boron
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,843A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 09/088,337
; APPLICATION NUMBER: 01-JUN-1998
; FILING DATE: 01-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/153,848
; FILING DATE: 17-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,452
; FILING DATE: 17-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jill E. Uhl
; REGISTRATION NUMBER: 43,213
; REFERENCE/DOCKET NUMBER: 27866/32059B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TEXES:
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 358 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-299-843A-19

Query Match 42.1%; Score 780.5; DB 3; Length 358;
Best Local Similarity 42.9%; Pred. No. 8.6e-64;
Matches 153; Conservative 77; Mismatches 104; Indels 23; Gaps 6;

QY 1 MADDGSGSSTSMEDYVNPNFTDFCEKNNRQFASHFLPPLMYLVFIYGALGNSLVLV 60
DB 8 VDDPIDGNNT-----VDYTLFEISCKSDVNFCAWFLPTIYSIIICVGGLNGSLVLT 62
QY 61 YWCGRVTMTMDMFLNLAIALDLPLVLTLPFAIAAAOOWKQGFMCNVNMYMGNFYS 120
DB 63 YIFRGKLTMTDYLTNLAVADILFLTLPFAIYSAASWFGVHFKCLIRAIYMSFE 122
QY 121 CVLLIMCISVDRIYAIAQAAMRAHTWRERRLYSKXVCFTIWNVAALCIPELYSQIEE 180
DB * 123 GWLLALLCGISIDRYVAIVQAVSAHRARAVLLISKUSCVGIWILATVLSIPELVSDLGRS 182
QY 181 SG--IAICTMYVPSEBSKTKSAVITLKV---ILGFLEPVVMACCTYIIITHLIQAOKS 235
DB 183 SSEQMRGSLI-----TEHEAFITTIQAVGVIGFLVPLLAMSPCYVIIRTLLQANF 236

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